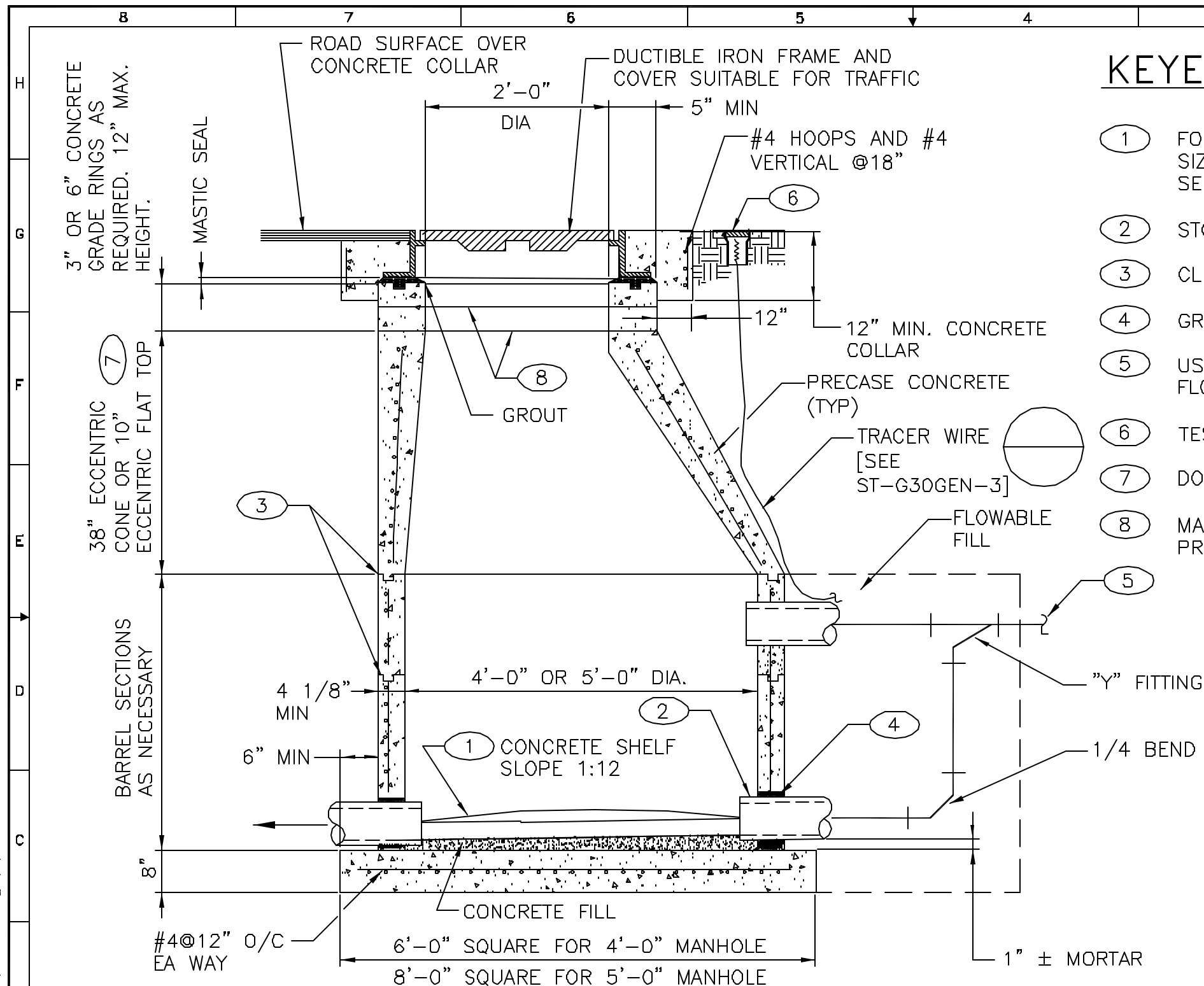


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KEYED NOTES:

- FORM FLOW CHANNELS THRU MANHOLE THE FULL SIZE OF SEWER MAINS CONFORMING TO THE CROSS SECTION OF PIPE; SHAPE AND TROWEL SMOOTH.
- STOP ALL PIPE 1" INTO MANHOLE.
- CLEAN ALL JOINTS AND INSTALL SEALING GASKETS.
- GROUT WATER STOP (TYP).
- USE DROP WHERE INVERT CAN NOT BE SET AT MANHOLE FLOWLINE.
- TEST STATION WITH 6" CONCRETE COLLAR.
- DO NOT USE FLAT TOPS IN PARKING LOTS OR ROADWAYS.
- MASTIC AND/OR GROUT FOR WATER TIGHT SEAL AND PREVENTION OF DISPLACEMENT OF RINGS AND COVER.

DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

SANITARY SEWER MANHOLE DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 2.

1	B-23-02	U	GENERAL REVISION AND DWG. NO. WAS 813732.	RF	EH	MS	EH	TO	
NO	DATE	CLASS	REV	DESCRIPTION	OWN	VER	CHKD	SUB	APP
FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE									
LANL ENGINEERING MANUAL									
SANITARY SEWER MANHOLE DETAIL				DRAWN	R. PEARSON				
				DESIGN	E. HOTH				
				CHECKED	M. SMITH/DLR				
				DATE	11-28-99				
BLDG. X TA-X									
SUBMITTED			APPROVED FOR RELEASE						
DISCIPLINE POC: E. HOTH			STANDARDS MANAGER: TOBIN GRUCH						
Los Alamos NATIONAL LABORATORY				SHEET 1					
PO Box 1663 Los Alamos, New Mexico 87545				1 of 2					
CLASSIFICATION U			REVIEWER LARRY BAYS		DATE		REV		
PROJECT ID			DRAWING NO		DATE		REV		
CHAPTER 3			ST-G3020-1		DATE		REV		
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